

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Agere Systems Inc.Application No./Patent No./Control No.: 09/235,319 Filed/Issue Date: 1/22/99Entitled: Configurable Echo CancellorAgere Systems Inc., a Corporation
(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Inventor(s) To: Lucent Technologies Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 9740, Frame 0560, or for which a copy thereof is attached.
2. From: Lucent Technologies Inc. To: Agere Systems Guardian Corp.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: Agere Systems Guardian Corp. To: Agere Systems Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

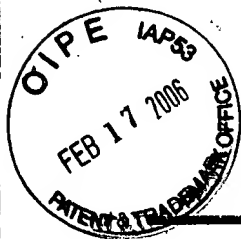
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

William H. Bollman
SignatureFebruary 17, 2006
DateWilliam H. Bollman
Printed or Typed Name202-261-1000
Telephone NumberAttorney of Record
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**EXECUTION COPY**

PATENT ASSIGNMENT**by and between****LUCENT TECHNOLOGIES INC.****and****AGERE SYSTEMS GUARDIAN CORP.****Dated as of January 30, 2001**

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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).

ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

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ACKNOWLEDGMENTS

STATE OF NEW JERSEY)

ss:

COUNTY OF SOMERSET)

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and

b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name

TAMORA ANNE HANNA

Notary Public

Notary Public of New Jersey

My Commission Expires: Registered in Hunterdon County

My Commission Expires March 25, 2002

[Notarial Seal]

STATE OF FLORIDA)

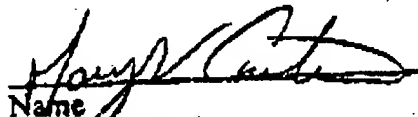
ss:

COUNTY OF ORANGE)

I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp.; and

b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.

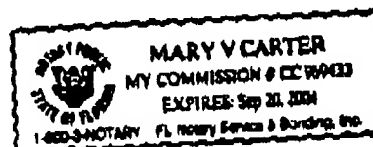


Name

Notary Public

My Commission Expires:

[Notarial Seal]



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Delaware

PAGE 1

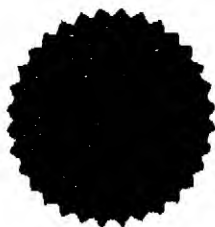
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION,
WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

3268412 8100M

AUTHENTICATION: 1959517

020545223

DATE: 08-29-02

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STATE OF DELAWARE
 SECRETARY OF STATE
 DIVISION OF CORPORATIONS
 FILED 09:00 AM 08/29/2002
 020545223 - 3268412

CERTIFICATE OF OWNERSHIP AND MERGER

OF

Agere Systems Guardian Corp.
 (a Delaware corporation)

INTO

Agere Systems Inc.
 (a Delaware corporation)

UNDER SECTION 253 OF THE GENERAL CORPORATION LAW OF THE STATE OF DELAWARE

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), DOES HEREBY CERTIFY:

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp."

THIRD: That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento
 Paul Bento, Vice President

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APPENDIX B (continued)
Transferred Patents

Case Name	Filing Date	Issue Date	Patent No.	Serial No.
Hobler 1-4-9-1	5/13/1999			
Hofmann 1-15-7-4	10/31/2000			09/311822
Holder 5	12/22/1999	11/16/99	60/244381	
Holder 7-38	12/22/1999		5988989	
Hollenbach 11-25-13	12/4/1999			09/469906
Hollenbach 4-17-8	1/27/1999			08/205601
Hollenbach 5-18-7	2/24/1999		09/013843	
Hollenbach 7-21-9	4/7/1999		09/028478	
Hollenbach 8-22-10	2/23/1999		09/055991	
Holliday 5	10/8/1999	9/21/1999	09/028061	
Holloway 1-3-1-1	12/17/1999		5955683	
Holmqvist 1	1/20/2000			60/172183
Holmqvist 1-2-7-17	9/18/1997	8/8/2000	6073228	09/488327
Holmqvist 4	3/11/2000			
Hong 18-10-18-8	11/12/1998			09/669311
Hong 20-11-17-7-4	9/18/1998			09/190193
Hong 22-12-19-9	2/7/2000		09/158719	
Horwath 1-1-1-1-1	8/20/1997			09/489411
Horwath 2-2-2-2-2	3/31/1998	3/14/2000	08/814895	
Houge 12-17-3-23-18	8/2/2000		6037684	
Houge 13-4-18-24-17	8/2/2000		09/831544	
Houge 14-54-19-25-18	8/31/2000		08/831545	
Houge 4-11-10-12-6	8/25/1999		09/653364	
Houlihan 20-1	3/12/1999	4/11/2000	6048664	09/383154
Houlihan 22-20-1	2/22/2000			08/288912
Huang 1-1-8-30	8/30/1999			09/511004
Huang 3-2-1-3-32-6-18	10/4/1999			60/141658
Huang 4-8-34	8/18/2000			60/157451
Huang 8-21-5-26	4/30/1997	5/23/2000	6087282	09/575216
Huang 8-38	10/15/1998		08/730283	
Huang 9-2	5/18/2000			
Huang 9-4-1	8/4/1998			09/571926
Huber 1-28-13	8/22/1998	7/11/2000	09/128479	
Huggins 1	7/14/1999		6087853	
Huggins 2	7/29/1999			09/353316
Huggins 8	11/17/2000			09/383758
Hughes 1-6	9/28/1998			
Hughes 2-8	11/13/1998		09/160408	
Hui 10-18-3	12/2/1998			09/191875
Hui 11-17-4-18	12/17/1999			08/204047
Hui 12-18-8-19	8/5/1999			09/485884
Hui 3-8-18	8/31/2000		09/853295	09/368682
Hulbregtas 3	5/14/1999			
Hunter 3-10	9/14/1999			09/312546
Huttmann 8-1	7/12/2000			09/395835
Hymes 1-1-3	4/8/1999			09/614902
Iacone 1-1-1	2/28/1999			09/288648
Iyengar 12-18	6/14/1999			09/259164
Iyengar 13-8	2/23/2000			09/332514
Iyengar 14-8	7/18/1999			09/511153
Iyengar 17-11-22	11/2/1999			09/358773
Iyengar 8-10	1/22/1999			09/431653
Jalprong 1-1-1-1	8/3/1999			09/235319
Janesch 1-7	8/5/1999			09/390384
Janesch 2-8	8/5/1999			09/388583
Janesch 3	8/5/1999			09/369493
Jayapham 1	7/22/1999			09/368172
Jeffery 1-1	5/5/2000			60/149173
Jellinek 1-2-2	5/27/1999			09/588089
Jellinek 3-1-1	5/27/1999			09/322112
				09/323170